	А В	С	D E	F	G	Н	I	J	K	L		
1			Background Statistics fo	r Data Set	s with Nor	-Detects						
2	User Selected C	-										
3	Date/Time of Comput	tation	9/22/2014 8:54:46 AM									
4	Fron		WorkSheet.xls									
5	Full Pred		OFF									
6	Confidence Coeffi	ficient	95%	5%								
7		Ü	95%									
8	rent or Future K Observa		1									
9	mber of Bootstrap Opera	trap Operations 2000										
10												
11	Aroclors	Aroclors										
12												
13				General St	atistics							
14			Number of Observations	48			Number of	Missing Observ	ations	0		
15	[	Number	of Distinct Observations 41							05		
16			Number of Detects 23 Number of Non-Det mber of Distinct Detects 22 Number of Distinct Non-Det							25 19		
17		imber of Distinct Detects		Number of Distinct Non-Detects								
18			Minimum Detect	4.95	Minimum Non-Detect							
19			Maximum Detect	53.45 178.9		Maximum Non-Detect						
20		Variance Detected				Percent Non-Detects SD Detected						
21		Maca -	Mean Detected	14.67 2.401			6D -t -			13.38		
22		iviean d	of Detected Logged Data	2.401			2D 01 F	etected Logge	d Data	0.711		
23			Oritical Values for D		Thuashal	d \/alaa //	DT\/a\					
24		Tolor	Critical Values for B	2.069	Threshol	u values (	DIVS)	d?may (fa	r I I ( I )	2.041		
25		roiera	ance Factor K (For UTL)	2.069				d2max (fo	i USL)	2.941		
26			Normal C	GOF Test of	n Dotooto	Only						
27		SI.	hapiro Wilk Test Statistic	0.708	iii Detects		Shaniro Wi	lk GOF Test				
28			napiro Wilk Critical Value	0.708			-		امیرم ا			
29		3 /0 31	Lilliefors Test Statistic	0.914 Data Not Normal at 5% Significance Level 0.268 Lilliefors GOF Test								
30		50	% Lilliefors Critical Value	0.185 Data Not Normal at 5% Significance Level								
31			Data Not No		Significar		- Torritar at v	370 Olgrinicario	o Lovoi			
33					O.gou.	.00 2010.						
33	Vonlon Moior (VM) Poetracinal Chalistics Assuming Normal Distribution											
3/		Kaplan Meier (KM) Background Statistics Assuming Normal Distribution										
34 35		ixap	Mean	7.71	tics Assun	ning Norm	ai Distribu	tion	SD	11.25		
35					tics Assur	ning Norm	ai Distribu	95% KM l		11.25 26.78		
35 36			Mean	7.71	tics Assur	ning Norm			JPL (t)			
35			Mean 95% UTL95% Coverage	7.71 30.98	tics Assun	ning Norm		95% KM l	JPL (t)	26.78		
35 36 37 38			Mean 95% UTL95% Coverage 90% KM Percentile (z)	7.71 30.98 22.13	tics Assun	ning Norm		95% KM l 95% KM Percen	JPL (t)	26.78 26.22		
35 36 37		(	Mean 95% UTL95% Coverage 90% KM Percentile (z)	7.71 30.98 22.13 33.88			Ş	95% KM l 95% KM Percen 95% KI	JPL (t)	26.78 26.22		
35 36 37 38 39		(	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)	7.71 30.98 22.13 33.88			Ş	95% KM l 95% KM Percen 95% KI	JPL (t)	26.78 26.22		
35 36 37 38 39 40		DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)	7.71 30.98 22.13 33.88 und Statist			Ş	95% KM U 95% KM Percer 95% KI ion	UPL (t) Intile (z) M USL  SD UPL (t)	26.78 26.22 40.8		
35 36 37 38 39 40 41		DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Background	7.71 30.98 22.13 33.88 und Statist 7.601			Ş	95% KM U 95% KM Percer 95% Ki ion 95% U	SD UPL (t) attile (z)	26.78 26.22 40.8		
35 36 37 38 39 40 41 42		DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgroum Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z)	7.71 30.98 22.13 33.88 <b>und Statist</b> 7.601 31.26 22.26 34.21	ics Assum	ing Norma	g al <b>Distribut</b> i	95% KM U 95% KM Percer 95% KI ion 95% U 95% Percer	UPL (t) Intile (z) M USL  SD UPL (t)	26.78 26.22 40.8 11.44 26.99		
35 36 37 38 39 40 41 42 43	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgrot Mean 95% UTL95% Coverage 90% Percentile (z)	7.71 30.98 22.13 33.88 <b>und Statist</b> 7.601 31.26 22.26 34.21	ics Assum	ing Norma	g al <b>Distribut</b> i	95% KM U 95% KM Percer 95% KI ion 95% U 95% Percer	SD UPL (t) attile (z)	26.78 26.22 40.8 11.44 26.99 26.41		
35 36 37 38 39 40 41 42 43 44	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgrow Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.	7.71 30.98 22.13 33.88 und Statisti 7.601 31.26 22.26 34.21 DL/2 provi	ics Assum	ing Norma	g Il Distributi	95% KM U 95% KM Percer 95% KI ion 95% U 95% Percer	SD UPL (t) attile (z)	26.78 26.22 40.8 11.44 26.99 26.41		
35 36 37 38 39 40 41 42 43 44 45	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgrou Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Tes	7.71 30.98 22.13 33.88  und Statist 7.601 31.26 22.26 34.21  DL/2 provi	ics Assum	ing Norma mparisons	al Distribution of the state of	95% KM U 95% KM Percer 95% Ki ion 95% U 95% Percer 95%	SD JPL (t) ntile (z) M USL	26.78 26.22 40.8 11.44 26.99 26.41		
35 36 37 38 39 40 41 42 43 44 45 46	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgrot Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21  DL/2 provi	ics Assum	ing Norma imparisons ervations C	al Distribution of the standard histon of the	95% KM U 95% KM Percer 95% Ki ion 95% L 95% Percer 95° rical reasons	SD JPL (t) ntile (z) M USL SD JPL (t) ntile (z) % USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24		
35 36 37 38 39 40 41 42 43 44 45 46 47	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgrow Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value	7.71 30.98 22.13 33.88  und Statist 7.601 31.26 22.26 34.21  DL/2 provi	ics Assum	ing Norma mparisons ervations C And Not Gamm	al Distributi s and histo Dnly derson-Da na Distribut	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons	SD JPL (t) ntile (z) M USL SD JPL (t) ntile (z) % USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgroum Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi	ded for co	ing Norma imparisons ervations ( And Not Gamm	s and histo Dnly derson-Da na Distribut	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test ed at 5% Signit Smirnoff GOF	SD JPL (t) ntile (z) M USL  SD JPL (t) ntile (z) W USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgroum Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi sts on Dete 1.769 0.756 0.24 0.184	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm	s and histo Only derson-Da na Distribut olmogrov-s na Distribut	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons	SD JPL (t) ntile (z) M USL  SD JPL (t) ntile (z) W USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgroum Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi sts on Dete 1.769 0.756 0.24 0.184	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm	s and histo Only derson-Da na Distribut olmogrov-s na Distribut	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test ed at 5% Signit Smirnoff GOF	SD JPL (t) ntile (z) M USL  SD JPL (t) ntile (z) W USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	DL/2	DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgron Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Tes A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21  DL/2 provi sts on Dete 1.769 0.756 0.24 0.184  Distributed	ded for co	ing Norma imparisons ervations C And Not Gamm Not Gamm nificance I	s and histo Only derson-Da na Distribut olmogrov-s na Distribut	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test ed at 5% Signit Smirnoff GOF	SD JPL (t) ntile (z) M USL  SD JPL (t) ntile (z) W USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54		DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgron Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Tes A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I	7.71 30.98 22.13 33.88  und Statist 7.601 31.26 22.26 34.21  DL/2 provi sts on Dete 1.769 0.756 0.24 0.184  Distributed	ded for co	ing Norma imparisons ervations C And Not Gamm Not Gamm nificance I	al Distribution of the control of th	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95° rical reasons rling GOF Test red at 5% Signit Smirnoff GOF	SD JPL (t)  NUSL  SD JPL (t)  Itile (z)  W USL  SD JPL (t)  Itile (z)  W USL	26.78 26.22 40.8 11.44 26.99 26.41 41.24 Level		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55		DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgron Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Tes A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I  Gamma Stat k hat (MLE)	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi sts on Dete 1.769 0.756 0.24 0.184  Distributed  tistics on D	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm nificance I	s and histo  Only  derson-Da  na Distribut  bimogrov-3  na Distribut  evel	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test red at 5% Signif Smirnoff GOF red at 5% Signif	SD JPL (t) ntile (z) M USL SD JPL (t) ntile (z) W USL St ficance I ficance I MLE)	26.78 26.22 40.8 11.44 26.99 26.41 41.24 Level		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56		DL	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Background Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I  Gamma Static k hat (MLE) Theta hat (MLE)	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi sts on Dete 1.769 0.756 0.24 0.184 Distributed tistics on D 1.904 7.703	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm nificance I	s and histo  Only derson-Da na Distribut Dimogrov-S na Distribut Level  k star  Theta star	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test ed at 5% Signit Smirnoff GOF ed at 5% Signit (bias corrected (bias corrected	SD JPL (t) ntile (z) M USL SD JPL (t) ntile (z) W USL St ficance I ficance I MLE) MLE)	26.78 26.22 40.8 11.44 26.99 26.41 41.24 Level		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56		DL.	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgrou  Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I  Gamma Stat k hat (MLE) Theta hat (MLE) nu hat (MLE)	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi sts on Dete 1.769 0.756 0.24 0.184 Distributed  tistics on D 1.904 7.703 87.61	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm nificance I	s and histo  Only derson-Da na Distribut Dimogrov-S na Distribut Level  k star  Theta star	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test red at 5% Signif Smirnoff GOF red at 5% Signif	SD JPL (t) ntile (z) M USL SD JPL (t) ntile (z) W USL St ficance I ficance I MLE) MLE)	26.78 26.22 40.8 11.44 26.99 26.41 41.24 Level		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58		DL (s)	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgrow Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I  Gamma Stat k hat (MLE) Theta hat (MLE) nu hat (MLE) E Mean (bias corrected)	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi  sts on Dete 1.769 0.756 0.24 0.184 Distributed  tistics on D 1.904 7.703 87.61 14.67	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm nificance I	s and histo  Only  derson-Da  na Distribut  olmogrov-s  na Distribut  _evel  k star  Theta star	95% KM U 95% KM Percer 95% Ki sion  95% Percer 95% rical reasons  rling GOF Test ed at 5% Signit Smirnoff GOF ed at 5% Signit (bias corrected u star (bias corrected	SD JPL (t) Ntile (z) M USL  SD JPL (t) Ntile (z) W USL  ficance I  ficance I  d MLE) d MLE) rected)	26.78 26.22 40.8  11.44 26.99 26.41 41.24  Level  1.685 8.706 77.51		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59		DL (s)	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgrou  Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I  Gamma Stat k hat (MLE) Theta hat (MLE) nu hat (MLE)	7.71 30.98 22.13 33.88  und Statisti 7.601 31.26 22.26 34.21 DL/2 provi sts on Dete 1.769 0.756 0.24 0.184 Distributed  tistics on D 1.904 7.703 87.61	ded for co	ing Norma imparisons ervations C And Not Gamm Ko Not Gamm nificance I	s and histo  Only  derson-Da  na Distribut  olmogrov-s  na Distribut  _evel  k star  Theta star	95% KM U 95% KM Percer 95% Ki ion 95% Percer 95% rical reasons rling GOF Test ed at 5% Signit Smirnoff GOF ed at 5% Signit (bias corrected (bias corrected	SD JPL (t) Ntile (z) M USL  SD JPL (t) Ntile (z) W USL  ficance I  ficance I  d MLE) d MLE) rected)	26.78 26.22 40.8 11.44 26.99 26.41 41.24 Level		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60		DL (s)	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  /2 Substitution Backgron Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) 72 Substitution Backgron Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) 78 Percentile (z)	7.71 30.98 22.13 33.88  24.13 33.88  25.16 26.16 27.601 31.26 22.26 34.21  27.702 28.26 27.709 27.709 27.709 28.26 29.26 20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.184  20.18	ded for co	ing Norma imparisons ervations C And Not Gamm ificance I	s and histo Dolly derson-Da na Distribut bolmogrov-3 na Distribut Level  k star Theta star no	95% KM U 95% KM Percer 95% Ki sion  95% Percer 95% rical reasons  rling GOF Test ed at 5% Signit Smirnoff GOF ed at 5% Signit (bias corrected u star (bias corrected	SD JPL (t) Ntile (z) M USL  SD JPL (t) Ntile (z) W USL  ficance I  ficance I  d MLE) d MLE) rected)	26.78 26.22 40.8  11.44 26.99 26.41 41.24  Level  1.685 8.706 77.51		
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59		DL SE IS NOT A	Mean 95% UTL95% Coverage 90% KM Percentile (z) 99% KM Percentile (z)  //2 Substitution Backgrow Mean 95% UTL95% Coverage 90% Percentile (z) 99% Percentile (z) recommended method.  Gamma GOF Test A-D Test Statistic 5% A-D Critical Value K-S Test Statistic 5% K-S Critical Value Data Not Gamma I  Gamma Stat k hat (MLE) Theta hat (MLE) nu hat (MLE) E Mean (bias corrected)	7.71 30.98 22.13 33.88  22.13 33.88  22.13 33.88  22.16 31.26 22.26 34.21  DL/2 provi  22.26 34.21  DL/2 provi  25ts on Dete 1.769 0.756 0.24 0.184  Distributed  25tistics on D 1.904 7.703 87.61 14.67 11.3	ded for co	ing Norma imparisons ervations C And Not Gamm Ki Not Gamm nificance I	s and histo  Only derson-Da na Distribut bimogrov-3 na Distribut Level  k star Theta star nu  5% Percer	95% KM U 95% KM Percer 95% KI ion 95% L 95% Percer 95° rical reasons ring GOF Test ed at 5% Signif Smirnoff GOF ed at 5% Signif (bias corrected (bias corrected u star (bias corrected u star (bias corrected u star (bias corrected)	JPL (t) ntile (z) M USL  SD JPL (t) ntile (z) W USL  t ficance I ficance I d MLE) rected)	26.78 26.22 40.8  11.44 26.99 26.41 41.24  Level  1.685 8.706 77.51		

	A B C [	D	Е	F	G	Н	I	J	K	L
63	GROS n	may not b	e used whe	n kstar of o	detected o	lata is sma	ll such as	< 0.1		
64	For such situations, GROS method tends to yield inflated values of UCLs and BTVs									
65	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates									
66	Minimum 0.01 Mean									7.035
67	Maximum			53.45	Median					0.01
68	SD			11.77	CV 1					
69		0.226	k star (bias corrected MLE)							
70		31.17	Theta star (bias corrected MLE)					31.2		
71		nu	hat (MLE)	21.67			r	u star (bias	corrected)	21.65
72	MLE Me	7.035	MLE Sd (bias corrected)					14.81		
73	95% Percenti	2.249	90% Percentile					21.23		
74		35.09	99% Percentile					72.51		
75	The following	statistics	are compu	ted using	Gamma F	ROS Statis	tics on Im	outed Data		
76	Upper Lin	nits using	Wilson Hil	ferty (WH)	and Haw	kins Wixle	y (HW) M	ethods		
77		,	WH	HW					WH	HW
78	Approx. Gamma UTL with 95% Cove	erage	44.36	55.8		95%	Approx. G	iamma UPL	30.36	34.86
79	95% Gamma	USL	92.5	140.4						
80										
81	The following	_			_					
82	Upper Lin	nits using	Wilson Hil	ferty (WH)	and Haw	kins Wixle	y (HW) M	ethods		
83			k hat (KM)	0.47				n	u hat (KM)	45.07
84			WH	HW					WH	HW
85	Approx. Gamma UTL with 95% Cove		31.76	32.92		95%	Approx. G	iamma UPL	24.29	24.45
86	95% Gamma	USL	54.84	61.17						
87										
88			mal GOF To		ected Ob		-			
89	•		est Statistic	0.861			-	ilk GOF Te		
90	5% Shapir	0.914						el		
91			est Statistic	0.216		D-4- N-41				-1
92	5% LII		itical Value ta Not Logn					at 5% Signifi	icance Leve	<del>2</del> 1
93		Dai	ia Not Logii	Ulliai at 3	76 Sigitific	Janice Leve	71			
94	Background Lognorma	I ROS S	tatietice Ae	sumina I o	anormal l	Dietribution	I leina Im	nuted Non-I	Detects	
95			ginal Scale	7.921	gnoman		oomig iiii		Log Scale	1.412
96 97			ginal Scale	11.25	SD in Log Scale					1.094
98			Coverage	39.41		95% BCA UTL95% Coverage				
99	95% Bootstrap (%)		_	49.03	95% UPL (t)					47.82 26.2
100	000/ D ::: / )			16.67	95% Percentile (z)					24.8
101		99% Pe	rcentile (z)	52.24	95% USL					102.3
102										
103	Ba	ackground	d DL/2 Stat	istics Assu	ming Log	normal Di	stribution			
104				7.601		Log Scale	1.167			
105	00:0::10.1			11.44	SD in Log Scale					
106				48.7	95% UPL (t)					29.82
107	90% Percentile (z)			17.31	95% Percentile (z)					27.91
108				68.34					95% USL	153.3
109	DL/2 is not a Reco	ommende	ed Method.	DL/2 prov	ded for c	omparison	s and hist	orical reaso	ns.	
110										
111		-	ametric Dist							
112		Data	do not follov	w a Discer	nible Dist	ribution (0.	.05)			
113				/ II			4.4.			
114	Nonparametric Up	-		=	uon made	e Detween				40.00
115			f Statistic, r	47				TL with95%		40.83
116				1.237	Co	ліпаепсе С	oerricient	(CC) achiev	-	0.699
117	050/ 1	KM Chah	yshev UPL	39.26 57.26					95% USL	53.45
118		Vivi Cileb	yonev UPL	37.20						
119	—	estimato	a RTV is ro	commend	ed only w	hen the dat	ta set repr	eente a hac	rkaround	
120					-					
121	data set free of outliers and consists of observations collected from clean unimpacted locations.  The use of USL tends to provide a balance between false positives and false negatives provided the data									
122			-							
123 124		represents a background data set and when many onsite observations need to be compared with the BTV.								
1/4										